



Underground Injection Control

in California





California

Total # of Class II Injection Wells	50,000
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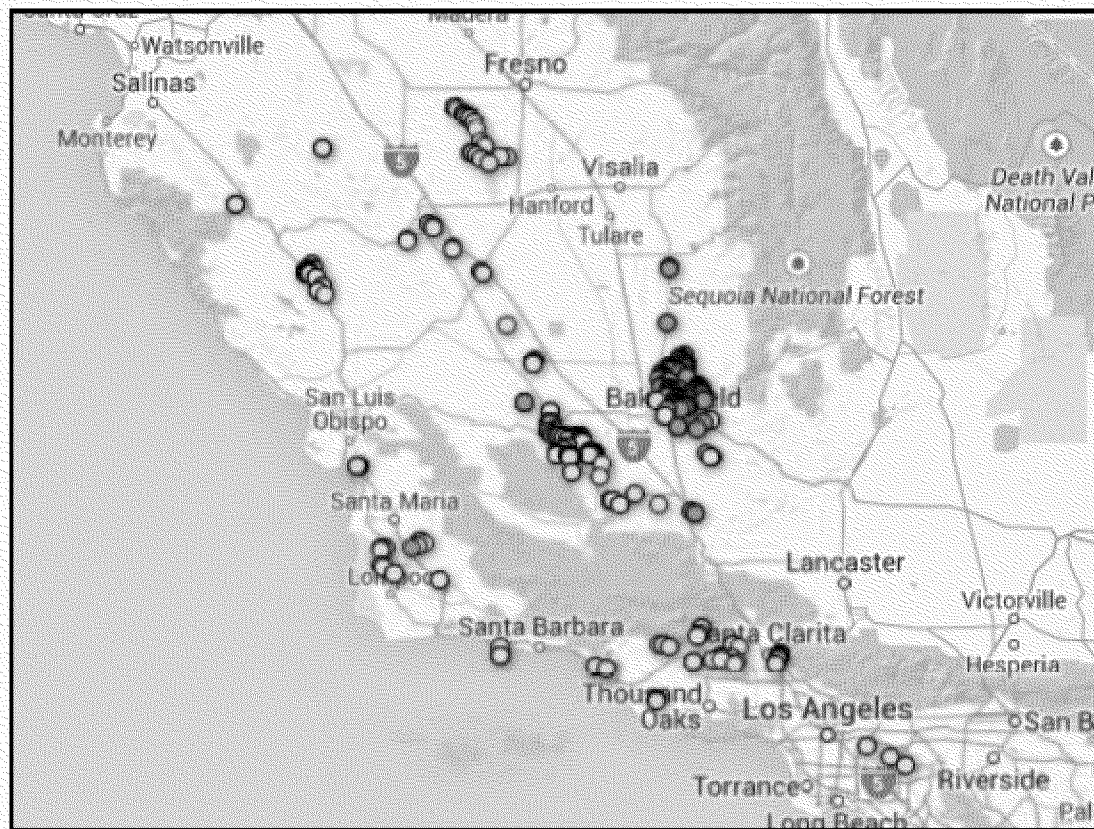
of Wells Potentially Injecting into Non-Exempt Aquifers by Type
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Water Disposal Wells	> 400
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Enhanced Oil Recovery (EOR) Wells	~ 5,600
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Central and Southern California Well Locations



**Wells under
Investigation**
as of August 2014

- 0-3,000 ppm
- 3,000-10,000 ppm
- unknown



Well Shut in Schedule

Established by State Rulemaking, April 2016

- October 15, 2015: wells into non-exempt, non HC-bearing aquifers with TDS < 3,000 ppm (33 wells)
- December 31, 2016: wells injecting into the 11 aquifers historically treated as exempt (< 100 wells)
- February 15, 2017: wells injecting into non-exempt aquifers with TDS < 10,000 ppm and for which no AE is approved by EPA. (~ 6,000 wells)
- Region 9 currently has 1 AE package. Anticipate another 50 packages, or more?



Additional DOGGR Actions

- Rulemaking for regulatory revisions to Class II UIC program
 - Discussion Draft of Class II Regs (Jan 2016)
 - Final Rule by September 2018
- Searchable Database (WellSTAR) – to be completed by February 2017
- Project by Project review of currently operating projects (approx. 900)
 - First priority is gas storage well projects.
 - Injection well projects: Evaluating AOR, well integrity, etc – to be completed by 2018